

Date: October 30, 2000

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/RU99/00149  
International Filing Date: April 30, 1999  
Priority Date Claimed: April 30, 1998, January 18, 1999  
Title of Invention: STABILIZED AND CONTROLLED ELECTRON SOURCES, MATRIX SYSTEMS OF THE ELECTRON SOURCES, AND METHOD FOR PRODUCTION THEREOF  
Applicants for DO/EO/US: Evgeny Invievich Givargizov, Michael Evgenievich Givargizov, Vladimir Ilich Ershov, Nina Ivanovna Manshina

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (x) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ( ) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
4. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a) ( ) is transmitted herewith (required only if not transmitted by the International Bureau).
  - b) (X) has been transmitted by the International Bureau.
  - c) ( ) is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ( ) A translation of the International Application into English (35 USC 371(c)(2)).
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a) ( ) are transmitted herewith (required only if not transmitted by the International Bureau).
  - b) ( ) have been transmitted by the International Bureau.
  - c) ( ) have not been made; however, the time limit for making such amendments has NOT expired.
  - d) (X) have not been made and will not be made.
8. ( ) A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. ( ) An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. (X) A copy of the International Preliminary Examination Report with any annexes thereto, such as any amendments made under PCT Article 34.

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11. ☐ A translation of the annexes, such as any amendments made under PCT Article 34, to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☐ A substitute specification.
15. ☐ A power of attorney and/or address letter.
16. ☒ International Application as published.
17. ☒ Small Entity Statement.
18. ☐ PCT Form PCT/IPEA/402.
19. ☐ PCT Form PCT/IB/308.
20. ☐ PCT request form.
21. ☒ A return prepaid postcard.
22. ☒ A FIRST preliminary amendment. Please calculate fees after entering the attached Preliminary Amendment
23. ☒ The following fees are submitted:

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U.S. Application No.

International Application No.  
PCT/RU999/00149Attorney Docket No.  
GIVAR5.001 APC

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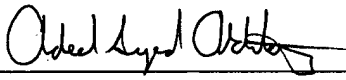
				FEES
<b>BASIC FEE</b>				\$1000
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total Claims	37 - 20 =	17 ×	\$18	\$340
Independent Claims	5 - 3 =	2 ×	\$80	\$160
Multiple dependent claims(s) (if applicable)			\$270	\$0
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$1500
Reduction by 1/2 for filing by small entity (if applicable). Verified Small Entity statement must also be filed. (NOTE 37 CFR 1.9, 1.27, 1.28)				\$750
<b>TOTAL NATIONAL FEE</b>				\$750
<b>TOTAL FEES ENCLOSED</b>				\$750
amount to be refunded:				\$
amount to be charged:				\$

24. (X) A check in the amount of \$750 to cover the above fees is enclosed.
25. () Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.
26. (X) The Commissioner is hereby authorized to charge only those additional fees which may be required, now or in the future, to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

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Assistant Commissioner for Patents  
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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"****Attorney Docket No.:** GIVAR5.001APC**Applicant(s)** Evgeny Ivievich Givargizov, Michael Evgenievich,  
Vladimir Iliich Ershow, Nina Ivanovna Manshina**For:** STABILIZED AND CONTROLLED ELECTRON SOURCES,  
MATRIX SYSTEMS OF THE ELECTRON SOURCES, AND  
METHOD FOR PRODUCTION THEREOF**Attorney:** Adeel S. Akhtar**"Express Mail"****Mailing Label No.:** EL511828967US**Date of Deposit :** October 30, 2000

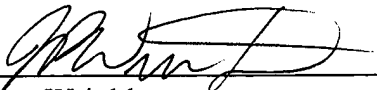
I hereby certify that the accompanying

Transmittal in Duplicate; International Application Published Under PCT; International  
Preliminary Examination Report; Small Entity Statement; Check for Filing Fee; Return  
Prepaid Postcard

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are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
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Jason Wrinkle

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